

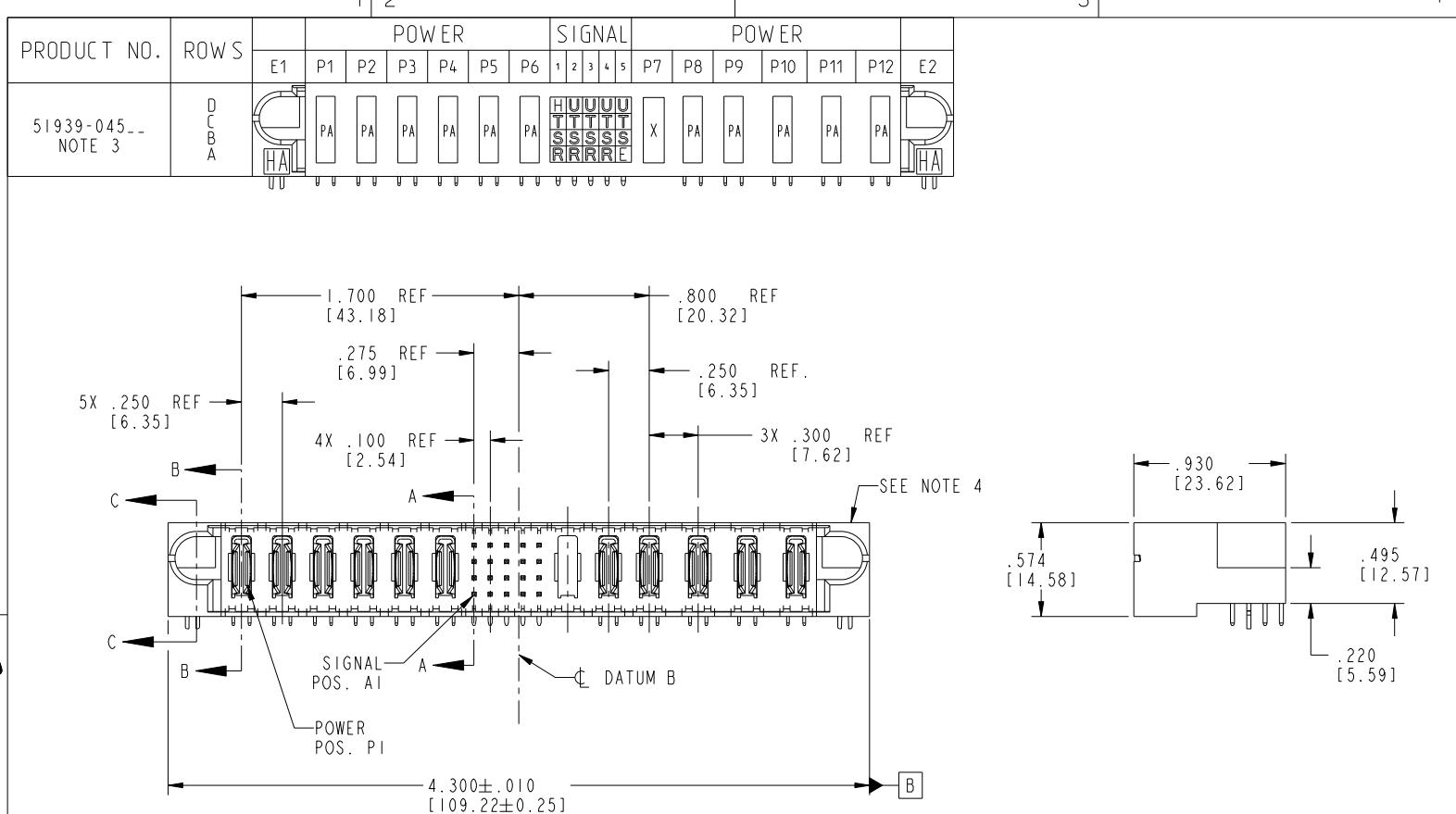
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CODE	DIM "M" MATING LENGTH		CONTACT TYPE
E	.220	[5.59]	SIGNAL
H	.220	[5.59]	SIGNAL
R	.270	[6.86]	SIGNAL
S	.270	[6.86]	SIGNAL
T	.270	[6.86]	SIGNAL
U	.270	[6.86]	SIGNAL
PA	N/A	[N/A]	POWER
HA	N/A	[N/A]	HOLD-DOWN
X	OMITTED		OMITTED

mat'l code		SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER				www.fciconnect.com	
ltr	ecn no.	dr	date	linear	XX±.01/0.X±0.3	COPY		projection	title	6P + 20S + 6P	
A	V03-0163	TAB	02/10/03		XXX±.005/0.XX±0.13						
B	V03-0195	MEM	02/18/03	XXXX±.0020/0.XXX±0.051							
C	DG05-0541	Ryan	12/13/05	angles	0°±2°						
D	DG08-0273	WD	12/30/08	dr	T. BRUNGARD	02/10/03	INCH/MM	product	family	Pwr	Blade
				engr	M. MOSTOLLER	02/10/03	←→		size	dwg no	code
				chr	M. MOSTOLLER	02/10/03	scale	A	51939-045		213
				oppd	M. MOSTOLLER	02/10/03	1:1				
											1 of 4
sheet index	revision	D	D	D	D						
	sheet	1	2	3	4						



1 2

Pro/E

PDM: Rev:D

STATUS: **Released**

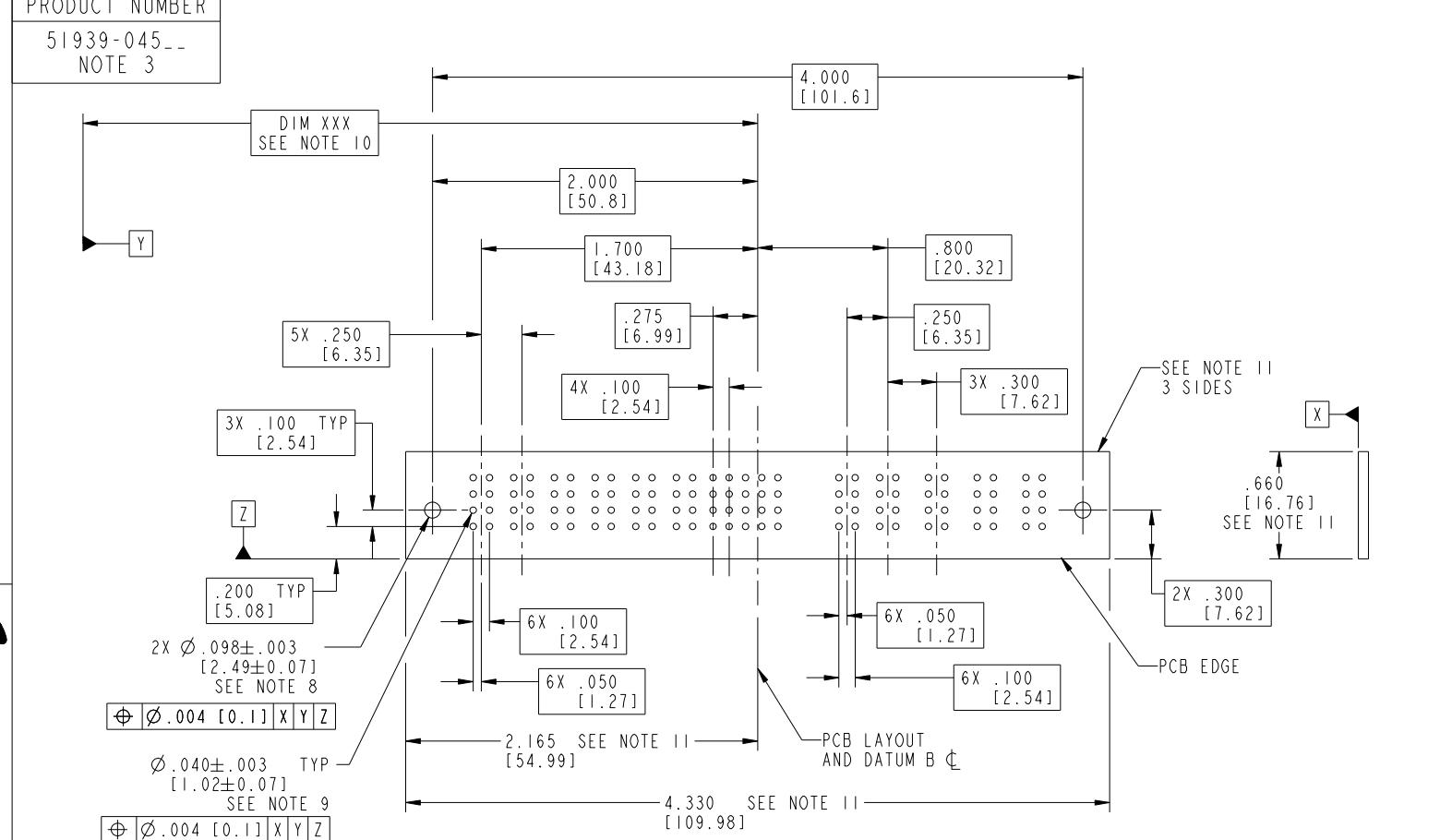
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RECOMMENDED PCB LAYOUT

mat'l code				SEE NOTE 2		tolerances unless otherwise specified		CUSTOMER	COPY
lfr	ecn no.	dr	date						
D						XX±.01/0, XY±.03			
						XXX±.005/0, XY±.013			
						XXXX±.0020/0, XXX±.0051			
						0°±2°			
				dr	T. BRUNGARD	02/10/03			
				engr	M. MOSTOLLER	02/10/03			
				chr	M. MOSTOLLER	02/10/03			
				appd	M. MOSTOLLER	02/10/03			
							scale	1:1	
				sheet					
				index					
				revision					
				sheet					

FCI  
www.fciconnect.com

title 6P + 20S + 6P  
RIGHT ANGLE SOLDER HEADER

product family PwrBlade code 213  
size dwg no 51939-045  
sheet 3 of 4

B

B

1 2

Pro/E

PDM: Rev:D

STATUS: Released

Printed: Dec 20, 2010

cage code 22526

4

## NOTES:

I. DIMENSIONS AND TOLERANCES ARE IN ACCORDANCE WITH ASME Y14.5M, 1994 UNLESS OTHERWISE SPECIFIED

#### CONNECTOR NOTES:

2. HOUSING MATERIAL: UL 94 V-0 GLASS FILLED HIGH-TEMP THERMOPLASTIC  
POWER CONTACT MATERIAL: COPPER ALLOY  
SIGNAL PIN MATERIAL: COPPER ALLOY

3. SEE ITEM 1 & 2 IN PRINT 10064183 FOR PLATING SPEC OF 51939-045 AND 51939-045LF RESPECTIVELY

4. MANUFACTURER'S NAME, P/N, AND DATE CODE TO APPEAR ON THIS SURFACE.

5. PRODUCT SPECIFICATION GS-12-149.  
APPLICATION SPECIFICATION BUS-20-067.

6. PACKAGED IN TRAYS.

PCB NOTES:

7. ALL HOLE DIAMETERS ARE FINISHED HOLE SIZE.

8. MOUNTING HOLES, WHERE APPLICABLE, ARE UNPLATED.

9.  $\emptyset .0453 \pm .0010$  [ $.1151 \pm .025$ ] DRILLED HOLES PLATED WITH  
.0003 [.0008] MIN SnPb OVER .001 [.003]  
TO .003 [.008] Cu PLATING TO ACHIEVE  
 $\emptyset .040 \pm .003$  [ $.102 \pm .07$ ] HOLE.

10. "DIM XXX" TO BE DETERMINED BY THE CUSTOMER.

11. CONNECTOR KEEP-OUT ZONE.

12. A  SYMBOL WILL BE NEXT TO ANY DIMENSION, VIEW, OR NOTE WHICH HAS BEEN MODIFIED WITH THE CURRENT DRAWING REVISION.

1

4

2

Pro/E

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